

**FLOW METER FOR USE WITH HIGH PRESSURE**  
**PROCESS FLUID**

**ABSTRACT**

A vortex flow meter for measuring fluid  
5 flow has a conduit for carrying a fluid. A region of  
reduced thickness is formed in a portion of the  
conduit. A shedding bar disposed in the conduit is  
coupled to the region of reduced thickness and is  
configured to apply a rocking motion to the region of  
10 reduced thickness about a pivot line in response to  
flow of the fluid. At least one reinforcing rib on  
the reduced thickness portion preferably extends  
parallel to flow of fluid.